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**(54) HYDROPHILIC  
MEMBRANE AND ITS  
PRODUCTION**

(57) Abstract:

**PURPOSE:** To obtain the title membrane which contains no soluble component and can be used immediately, by introducing a hydrophilic component into a membrane based on a hydrophobic polymer and water-insolubilizing this component by radiation and/or heating.

**CONSTITUTION:** A hydrophilic component (e.g., collagen) is introduced into a hydrophobic membrane based on a hydrophobic polymer (e.g., PP) and having an equilibrium moisture content (as measured after being stored in an atmosphere at 20°C and an RH of 65% for one week, weight of water/weight of polymer)  $\leq 5\%$ , preferably,  $\leq 2\%$ , and this membrane is irradiated with a radiation (e.g.,  $\gamma$ -rays) and/or heated to 50W200°C to insolubilize the

hydrophilic component.

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